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SHEET 2 of 3

FORM PTO - 1449		ATTY DOCKET NO.: ASX-015CP
INFORMATION DISCLOSURE STATEMENT		APPLICANT: Chen et al.
		SERIAL NO.: 09/774,165
		FILING DATE: January 26, 2001 GROUP: 1765

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
M	AV	4,252,609	02/24/81	Kerst et al.			11/24/78
	AW	4,626,400	12/02/86	Jassby et al.			06/01/83
	AX	4,689,192	08/25/87	Nagata			08/22/84
	AY	5,254,830	10/19/93	Zarowin et al.			05/07/91
	AZ	5,336,355	08/09/94	Zarowin et al.			12/13/91
	AAA	5,556,549	09/17/96	Patrick et al.			05/02/94
V	AAB	5,630,880	05/20/97	Eastlund			03/07/96
M	AAC	H554	12/06/88	Dawson et al.			03/03/82

FOREIGN PATENT DOCUMENTS

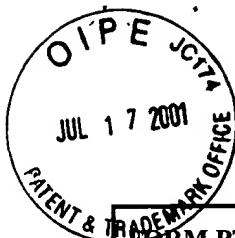
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
M	BA ✓	WO90/10945	09/20/90	PCT	H01J	27/16	03/06/90	N	Y
M	BB ✓	SU957744 A1	02/10/96	SU				N	Y - abstract
M	BC ✓	02260399	10/23/90	JP	H05H	1/46	03/31/89	Y	Y
M	BD ✓	5-166595	07/02/93	JP				N	Y - Abstract

EXAM. INIT. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

M	CA ✓	S.V. Dresvin, Physics & Tech. of Low Temp. Plasmas, H. Eckert ed, pg. 234 (1977)	TC
M	CB ✓	H.U. Eckert, "Analysis of Thermal Induction Plasmas between Coaxial Cylinders" J. Appl. Phys. 43(1):46-52 (1972)	EP 00 C.F.I.V.E.D. SEP 10 2001
M	CC ✓	H.U. Eckert, "An Electrodeless Discharge at 60 Hz" IEEE Trans. on Plasma Sci. PS-2:308-309 (1974)	AL ROOM

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FORM PTO - 1449			ATTY DOCKET NO.: ASX-015CP				
INFORMATION DISCLOSURE STATEMENT			APPLICANT: Chen et al. SERIAL NO.: 09/774,165 FILING DATE: January 26, 2001 GROUP: 1765				
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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
M	AA	5,290,382	03/01/94	Zarowin et al.	156	345	
	AB	3,343,022	09/19/67	Eckert	313	63	
	AC	4,431,901	02/14/84	Hull	219	121	
	AD	4,878,149	10/31/89	Stiehl et al.	361	230	
	AE	5,346,578	09/13/94	Benzing et al.	156	345	
	AF	5,401,350	03/28/95	Patrick et al.	156	345	
	AG	5,405,480	04/11/95	Benzing et al.	156	345	
	AH	5,430,355	07/04/95	Paranjpe	315	111.21	
	AI	5,468,296	11/21/95	Patrick et al.	118	723	
	AJ	5,479,072	12/26/95	Dakin et al.	313	638	
	AK	5,506,507	04/09/96	Schwierzke et al.	324	464	
	AL	5,514,246	05/07/96	Blalock	156	643.1	
	AM	4,431,898	02/14/84	Reinberg et al.	219	121 PG	
	AN	5,414,238	05/09/95	Steigerwald et al.	219	121.54	
	AO	5,472,561	12/05/95	Williams et al.	156	627.1	
	AP	5,364,600	11/15/94	Stiehl et al.	422	186.07	
	AQ	3,500,118	03/10/70	Anderson			07/17/67
	AR	3,663,361	05/16/72	Yoshikawa			02/17/70
	AS	3,987,334	10/19/76	Anderson			12/18/75
V	AT	4,088,926	05/09/78	Fletcher et al.			05/10/78
M	AU	4,180,763	12/25/79	Anderson			01/25/78
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SHEET 3 of 3

FORM PTO - 1449 INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO.: ASX-015CP APPLICANT: Chen et al. SERIAL NO.: 09/774,165 FILING DATE: January 26, 2001 GROUP: 1765
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OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	JUL 19 2001
✓ CD	H.U. Eckert, "The Induction Arc: A State-of-the-Art Review" <u>High Temp. Sci.</u> <u>6</u> :99-134 (1974)	RECEIVED
✓ CE	H.U. Eckert, "Induction Plasmas at Low Frequencies" <u>AIAA Journal</u> <u>9</u> (8):1452-1456 (1971)	
✓ CF	V.M. Gol'dfarb et al., "Properties of a Low-Frequency Discharge in a Transformer Plasmatron" <u>Teplofizika Vysokikh Temperatur</u> <u>17</u> (4):698-702 (1979)	
✓ CG	E. Kandler et al., "Characterization of Plasma in an Inductively Coupled High-Dense Plasma Source" <u>Surface Coatings & Tech.</u> <u>74 75</u> :539-545 (1995)	
✓ CH	V.A. Kogan et al., "Investigation of the Prospect for the Design of Transformer-Type Plasmotrons" <u>Teplofizika Vysokikh Temperatur</u> <u>31</u> (1):105-110 (1993)	
✓ CI	R.A. Krakowski et al., "Prospects for Using Low-Frequency Induction Plasmas for Bulk-Chemical Processing: A Systems Analysis" First INEL Workshop on Plasma Applications to Waste Treatment, Idaho Fall, Idaho, Jan. 16-17, 1991	
✓ CJ	G. Soucy et al., "Parametric Study of the Decomposition of NH ₃ for an Induction Plasma Reactor Design" <u>Plasma Chem. and Plasma Proc.</u> <u>15</u> (4):693-710 (1995)	
✓ CK	T.B. Reed, "Induction-Coupled Plasma Torch" <u>J. Appl. Phys.</u> <u>32</u> (5):821-824 (1961)	
✓ CL	T.B. Reed, "Growth of Refractory Crystals Using the Induction Plasma Torch" <u>J. Appl. Phys.</u> <u>32</u> (12):2534-2535 (1961)	
✓ CM	T.B. Reed, "Heat-Transfer Intensity from Induction Plasma-Flames and Oxy-Hydrogen Flames" <u>J. Appl. Phys.</u> <u>34</u> (8):2266-2269 (1963)	
✓ CN	T.B. Reed, "High-Power Low-Density Induction Plasmas" <u>Communications</u> <u>3146</u> -3147 (1963)	
✓ CO	F. Maier, "Electronic Circuits for the Generation and Transfer of High-Power Pulses in Nuclear Fusion Installations" <u>IEEE Transactions on Plasma Science</u> <u>PS-12</u> (3): 191-198 (1984)	
✓ CP	International Search Report dated 11/05/98 in corresponding PCT Application No. PCT/US98/13155	RECEIVED
✓ CQ	Osram Endura 150W Product Information Brochure, November 1996, pp. 1-4.	SEP 10 2001
✓ CR	Hiramatsu et al., "Generation of Strongly Ionized Aluminum Plasma in a Low-Temperature Tokamak Discharge," <u>Japanese Journal of Applied Physics</u> , Vol. 31 (July 1992) pp. 2243-2248.	RECEIVED
✓ CS	Zhang et al., "A High Power Radio Frequency Transformer for Plasma Production in a Toroidal Plasma Source," <u>Rev. Sci. Instrum.</u> , Vol. 69 (January 1998) pp. 101-108.	SEP 10 2001

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FORM PTO - 1449		ATTORNEY DOCKET NO.: ASX-015CP	
THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANTS: Chen et al. SERIAL NO.: 09/774,165 FILING DATE: January 26, 2001 GROUP: 1765	

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EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
/M	A70	4,748,383	05/31/88	Houkes			
	A71	4,786,352	11/22/88	Benzing			
	A72	4,859,399	08/22/89	Bussard			
	A73	5,030,889	07/09/91	El-Hamamsy et al.			
V	A74	5,153,484	10/06/92	El-Hamamsy			
M	A75	5,200,595	04/06/93	Boulos et al.			

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
/M	C113	Hirose et al., "STOR II A Tokamak for Plasma Heating Studies," Plasma Physics Laboratory, University of Saskatchewan, April 1981, pp. 11-14.
	C114	Osram ECG-SPOT Brochure, February 1997, pp. 1-12.
	C115	Cayless et al., "Lamps and Lighting," Third Edition, pp. 280-286.
	C116	"International Lighting Review, Induction Lighting," <u>The Global Lighting Magazine</u> , April 1996.
	C117	"The Advanced Energy PE 2500 W, 100 kHz Generator with Load Matching User Manual," September 1989.
	C118	Kassakian et al., <u>Principles of Power Electronics</u> , 1991, Chapter 1, pp. 1-8.
V	C119	Lieberman et al., <u>Principles of Plasma Discharges and Material Processing</u> ; Chapter 12 "Inductive Discharges," pp. 387-389.
M	C120	Benesch, <u>Breakdown in the Pretext Tokamak</u> , "Chapter Two - The Machine," June 1981, pp. 15-16.

EXAMINER	Mark Paschall Primary Examiner	DATE CONSIDERED
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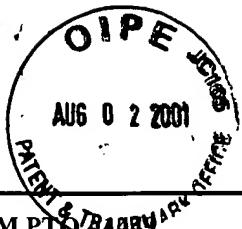
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FORM PTO-1489 MARK ATTITUDE SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTORNEY DOCKET NO.: ASX-015CP APPLICANTS: Chen et al. SERIAL NO.: 09/774,165 FILING DATE: January 26, 2001 GROUP NO.: 1765						
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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
M	A69	5,406,177	04/11/95	Nerone			

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

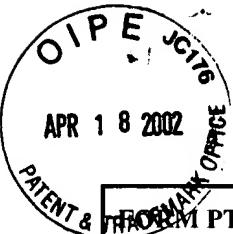
OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

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FORM PTO - 1449 FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT					ATTORNEY DOCKET NO.: ASX-015CP APPLICANTS: Chen et al. SERIAL NO.: 09/774,165 FILING DATE: January 26, 2001 GROUP: 1765				
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>m</i>	B4	2022917	11/15/94	RU			09/27/89	No	Yes (Translation)
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
<i>m</i>	C121	Kogan et al., "Research into Potential for Creating Transformer Type Plasmatrons," <u>Teplofizika Vysokikh Temperatur</u> , Vol. 31, No. 1, 1993, pp. 1-8.							
EXAMINER 2347152-1		Mark Paschall Primary Examiner			DATE CONSIDERED <i>11-16-03</i>				

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